

Monoclonal Mouse Antibody to Alpha-Actinin (Sarcomeric)

Catalog No.:	Mob 227, Mob 227-05
Intended Use:	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.
Immunogen:	Purified rabbit skeletal alpha-actinin.
Clone:	EA-53
Isotype:	IgG1
Format:	This antibody is supplied as diluted ascites containing sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:25-1:50 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
Staining Protocol:	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>Suitable for formalin fixed, paraffin embedded tissue sections.</u>
Specificity:	This antibody is specific for alpha-skeletal muscle and alpha-cardiac actinin. It stains Z lines and dots in stress fibers of myotubes in skeletal and cardiac muscle but not in non-sarcomeric muscle elements. This antibody shows a wide range of cross reactivity with various mammalian species.
Positive Control:	Skeletal muscle
Cellular Localization:	Cytoplasmic
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	i) Fridlanskaya et al. Tsitologia 31: 1234, 1989. ii) Goncharova et al. Development 114: 173, 1992. iii) Lazarides et al. Cell 6: 289, 1975.

IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

DBS

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